

**CLAIMS**

1. Method for the management of roaming of mobile subscribers roaming between a home network and foreign networks, in which method the roaming behavior is based on the contents of control files saved in the mobile equipment of the subscribers, the method comprising the following steps
- a) defining a list of networks into a control file of the mobile equipment of a subscriber to be used in a priority order in a roaming situation,
  - b) the subscriber roaming from one network to another,
  - c) sending information about the roaming to a roaming management application,
  - d) the roaming management application checking the current roaming setting for the subscriber and the desired roaming behavior for the location that the subscriber roamed into, and
  - e) as a result of the comparison, when necessary, adjusts the roaming setting to be in accordance with said desired roaming behavior.
2. Method of claim 1, characterized in that, it further comprises the step of changing the time controlled network search period.
3. Method of claim 1, characterized in that the value of the time controlled network search period is raised if in step b) the roaming was made in accordance with the desired behavior for the location that the subscriber roamed into.
4. Method of claim 1, characterized in that the value of the time controlled network search period is lowered if in step b) the roaming was not made in accordance with the desired behavior for the location that the subscriber roamed into.

5. Method of claim 1, characterized in that the content files are stored in the Subscriber Identity module (SIM) of the mobile equipment.
- 5 6. Method of claim 1, characterized in that the information in point c) is sent from the Home Location Register (HLR) or some other network component.
7. Method of claim 1, characterized in that the information in point c) is sent from the SIM or from an application on the SIM.
- 10 8. Method of claim 1, characterized in that as a further step, the RMA checks if the phone support the correct roaming behavior.
9. Method of claim 8, characterized in that RMA may apply old-style roaming statistic or dynamic management for a subscriber, whose equipment does not support the correct roaming behavior.
- 15 10. System for the management of roaming of mobile subscribers roaming between a home network and foreign networks, the system comprising
- 20 a) a mobile subscriber equipment having control files stored, the contents of which decides the roaming behavior by means of a list of networks into to be used in a priority order in a roaming situation,
- b) a roaming management application with means for handling of roaming information taken place by the subscriber and means for updating the control files of the subscriber equipment on the basis of said
- 25 information.